

PATENT
Docket No.: ST02017C2(141-US-C2)
10/816,054

REMARKS

STATUS SUMMARY

Claims 1-19 are pending in the present application. The Examiner has rejected claims 1-19 under 35 U.S.C. § 112, second paragraph, and also under 35 U.S.C § 102(b) as being anticipated by U.S. Patent No. 6,593,878 to *Cantwell et al.* ("*Cantwell*").

These formal matters identified in the Office Action are addressed herein below.

AMENDMENTS TO CLAIMS 2 AND 11

Minor amendments have been made to claims 2 and 11 to improve grammar, clarity, or claim form. Specifically, claims 2 and 11 were amended by changing the term "comprising" to "consisting of" with reference to groups. None of these amendments to the claims referred to in this section have been made in response to a substantive rejection or for any other purpose relating to patentability. The amendments made to the claims are believed to be fully supported by the present application as originally filed. Accordingly, no new matter has been added by these amendments.

CLAIM REJECTION - 35 U.S.C. § 112, SECOND PARAGRAPH

Claims 1-19 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter that the applicant regards as the invention. Specifically, the Examiner states that the term "operating environment" is indefinite.

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Accordingly, Applicants have amended claims 1, 7, and 16 to overcome the rejection by clarifying that the operating environment refers to those requirements of a SATPS receiver that may vary for each specific application. That is, one aspect of the invention is to provide a generic SATPS receiver adapted for use in any of a plurality of applications (page 6, lines 5-9), and another aspect of the invention is to generate desired outputs from a generic SATPS receiver adapted for use in any of a plurality of operating environments (page 6, lines 10-15). This means that for a particular SATPS receiver application, the generic SATPS receiver may also generate a plurality of possible outputs that are dependent on the operating environment in which the receiver operates, or are dependent on a characteristic of the SATPS receiver.

As an example, the generic SATPS receiver of claim 1 may be utilized in any of a number of SATPS receiver operating environments and/or applications, "such as wireless communicator operating environments or applications including ... cellular telephone applications and/or laptop computer applications, Personal Data Assistant (PDA) operating environments including location services applications, and automobile operating environments such as ... vehicle navigation applications." (Page 12, lines 18-23.) Thus, in general, each generic SATPS receiver operates in its own operating environment and generates outputs that are dependent on the operating environment irrespective of the particular application being run.

In view of the foregoing, Applicant respectfully submits that the rejection of claims 1-19 under 35 U.S.C. § 112, second paragraph, has been overcome, and requests that this rejection be withdrawn.

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RESPONSE TO CLAIM REJECTIONS UNDER 35 USC § 102(b)

The Examiner has rejected claims 1-19 under 35 U.S.C §102(b) as being anticipated by *Cantwell*, claiming that *Cantwell* does not teach each and every claimed element of claims 1-19 and stating that:

Cantwell et al teach a generic SATPS receiver adapted to be programmed for use in selected ones of a plurality of SATPS applications including a plurality of SATPS input paths (fig. 1, 17F0, F0, RF, IF), and a plurality of possible outputs (fig. 1, I, f_s, Q) that include in-phase output, quadrature-phase output, Intermediate Frequency (IF) output, wherein at least one of the plurality of possible outputs is activated (col. 16, line 56-col. 17, line 55) based on requirements of a particular SATPS application.

Applicants have amended claims 1, 7, and 16 to require that the generic SATPS receiver be configured so that the possible outputs are activated based upon requirements of the operating environment in which the application is being run. *Cantwell* in general, discloses an interference suppressor for a GPS receiver and does not teach or disclose all of Applicants' claim limitations in independent claims 1, 7, and 16. Specifically, *Cantwell* does not teach allowing a SATPS receiver to dynamically adapt to its current operating environment. Thus independent claims 1, 7, and 16 are in condition for allowance.

Claims 2-6 depend directly from allowable claim 1, and therefore are distinguishable over *Cantwell* for at least the same reasons, claims 8-15 depend directly from allowable claim 7, and therefore also are distinguishable over the teachings of *Cantwell* for at least the same reasons, and claims 17-19 depend directly or indirectly from allowable claim 16, and therefore are distinguishable over *Cantwell* for at least the same reasons.

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In view of the foregoing, Applicants respectfully submit that claims 1-19 are patentable under 35 U.S.C. § 102(e) over *Cantwell*, and respectfully request that the rejection of these claims under 35 U.S.C. § 102(b) be withdrawn.

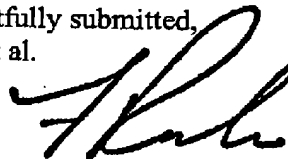
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CONCLUSION

In light of the above amendments and remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and an early notice to such effect is earnestly solicited.

If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Official Action.

Respectfully submitted,
Orler et al.



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